| In | de | x of | Cla | aims | ; |
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| Application No. | Applicant(s)    |
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| 09/629,032      | SURAZSKI ET AL. |
| Examiner        | Art Unit        |

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| Cla              | aim       | Date     |          |               |          |                 | ]            | С   | Claim   |       |          | Date     |              |                 |  |                 | Cl                | aim       | Date           |   |       |            |          |               |              |  |                 |          |          |          |
|------------------|-----------|----------|----------|---------------|----------|-----------------|--------------|---|---|-------|----------|----------|--------------|-----------------|--|-----------------|-------------------|-----------|----------------|---|-------|------------|----------|---------------|--------------|--|-----------------|----------|----------|----------|
| _ :              | <u>-a</u> | 10       | 2        | 2             | >        |                 | 1            |   |   |       | 1        | <u></u>  |              |                 |  |                 |                   |           |                |   |       | <u> </u>   |          |               |              |  |                 |          |          |          |
| Final            | Original  | 0/2 1/01 | 1127104  | 7/14/04       | 4018/11  |                 |              |   |   |       | Final    | Original |              |                 |  |                 |                   |           |                |   | Final | Original   |          |               |              |  |                 |          | ı        |          |
| Œ                | ő         | 1/6      | 12       | 3             | 8/       |                 | İ            |   |   |       | ĮŒ       | Ϊ́δ      |              |                 |  |                 |                   |           |                |   | ίĽ    | Ç          |          |               |              |  |                 | 1        |          |          |
|                  |           | 3        |          |               |          |                 | _            | _   | -   |       | <u> </u> |          | ļ.,          |                 |  | $\perp$         |                   |           | Ш              |   |       |            | _        | $\bot$        | <u> </u>     |  | 4               |          | _        | _        |
| 1                | 1_1_      | ノ杯       | 4        |               | <b>=</b> | -               | 4            | +   | +   | 4     |          | 51       |              | $\dashv$        | _  | +               | 4                 |           | Ш              |   |       | 101        | _        |               | ļ.,          | L  | $\sqcup$        |          | _        | _        |
| 2                |           | 4        | ~        | <u>·</u> →    | =        | $\vdash$        | 4.           | -   |   | 4     | -        | 52       |              | $\dashv$        | +  | +               |                   |           | Ш              |   |       | 102        |          | - -           | -            | _  |                 | _        | $\dashv$ | 4        |
| -7               | 2         | Н        | 0        | 0             | _        | ├               |              | -   | +-  | -     | <u> </u> | 53       | $\vdash$     | $\dashv$        |  | +               |                   |           | Н              |   |       | 103        | _        |               | -            | _  |                 | -        | -        | $\dashv$ |
| 3                | 4         | Н        | <i>V</i> |               | =        | $\vdash$        | +            | +   | +   | -     |          | 54<br>55 | ╀            | $\dashv$        |  | +               |                   | +-        | Н              |   |       | 104        | _        | -             | -            | ⊢-   | $\dashv$        | -        |          | $\dashv$ |
| 4                | 5         | H        | Ý        | ~             | =        | $\vdash$        | +            | -   | +   | -     | -        | 56       | $\vdash$     | $\vdash$        |  | +               |                   | +         | $\vdash$       |   |       | 105<br>106 | -        |               | -            | -  | $\dashv$        |          | -+       | $\dashv$ |
| 5                | 7         | H        | <u>~</u> | ╛             | =        | ┝               | +            |   | +   | -     | <u> </u> | 57       | ┼            | $\vdash$        | $\dashv$   | +               | +                 |           | H              |   |       | 106        |          |               | -            | -  | $\vdash$        | $\dashv$ | -        | -        |
| <u> </u>         | 18        | ╫        |          | -             | =        | $\vdash \vdash$ | -+           | +   | ╁   | -     | <b> </b> | 58       | -            |                 | -  | +               |                   | +         | H              |   |       | 108        | $\dashv$ | +             | ╁╌           | ⊢−   | Н               |          |          | $\dashv$ |
|                  | 8         | H        | Н        | $\dashv$      |          | $\vdash$        | $\dashv$     | +   | ╁   | -     | -        | 59       | +            | $\vdash$        | +  | +-1             |                   |           | H              | 1 |       | 109        | $\dashv$ |               | +-           | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | -        |
| 6                | 10        | H        | 7        | ~             | Ξ        | -               | +            | +   | +   | -     | -        | 60       | $\vdash$     | H               | +  | +               | +                 | +         | H              |   |       | 110        | -+       | -             | +            |  | $\vdash$        | $\dashv$ | $\dashv$ | _        |
| 7                | 11        | ╫╴       | V        |               | =        | $\vdash$        | +            | +   | +   | ┨┈    | -        | 61       | $\vdash$     | $\vdash$        |  | $\dashv \dashv$ | -                 | +         | H              |   |       | 111        | $\dashv$ |               | ╁            | $\vdash$   | $\vdash \vdash$ | -        |          | _        |
| <del>  '</del> - | 120       | ╫        | ٥        | 0             | _        | $\vdash \vdash$ | +            | +   | +   | 1     | -        | 62       | $\vdash$     | $\vdash \vdash$ | -+-  | +               | -                 | +         | H              |   |       | 112        | $\dashv$ |               | ╁            | -  | Н               | +        | +        | -        |
| 8                | 13        | H        | 0        | $\rightarrow$ | =        | $\vdash$        | +            | +   | +   | 1     | -        | 63       | 1            | $\vdash$        | $\dashv$   | +               | $\dashv$          | +         | Н              |   |       | 113        | +        | _             | +-           | <del>                                     </del> | $\vdash \vdash$ | $\dashv$ | $\dashv$ | _        |
| 9                | 14        | H        | 7        | <b>7</b>      | =        | $\vdash$        | +            | +   | +   | 1     | -        | 64       | $\vdash$     | $\vdash \vdash$ |  | +-              |                   | +         | Н              |   |       | 114        | $\dashv$ | $\dashv$      | +-           | $\vdash$   | H               | +        |          | -        |
| - <u></u> -      | 15        | H        | V        | Ť             | _        | $\vdash$        | $\dashv$     | +   | +   | 1     | -        | 65       | ${\dagger}$  | $\vdash \vdash$ |  | +               | +                 | +         | Н              |   |       | 115        | $\dashv$ |               | +            | H  | H               | $\dashv$ | $\dashv$ | ᅱ        |
| 10               | 16        | H        | =        | =             | =        | $\vdash$        | +            | -   | +-  | 1     | -        | 66       | T            | $\vdash \vdash$ | $\dashv$   | +               | +                 | +         | Н              |   |       | 116        | +        | +             | +            | H  |                 | $\dashv$ | +        | $\dashv$ |
| <u></u>          | 100       | H        | F        | -             |          | $\vdash$        | +            | $\dashv$  | +   | 1     | -        | 67       | $\vdash$     | $\vdash$        |  | $\top$          | _                 |           |                |   |       | 117        | $\dashv$ |               | +-           | $\vdash$   | $\vdash \vdash$ | $\dashv$ | +        | ᅱ        |
|                  | 18        | Н        | Н        |               |          | $\vdash$        |              |   | +   | 1     | 1        | 68       | <del> </del> | $\vdash$        | $\dashv$   | +               | +                 | +         |                |   |       | 118        | -        | _             | +-           | ${\dagger}$                                      | H               |          | +        | -        |
| i t              | 19        | Н        | ~        | ~             | Æ        |                 | _            | +   | 十   | 1     | -        | 69       | 1            | $\vdash$        |  | +               |                   |           | <del>   </del> |   |       | 119        | _        | -             | +            | $t^-$  | Н               | -        | $\dashv$ | _        |
| 12               | 20        | H        | <b>V</b> | ~             | =        | $\vdash$        | $\dashv$     | +   | +   |       | 1        | 70       | -            |                 |  | +               | $\dashv$          | +         |                |   |       | 120        |          | +             | 1            | H  | Н               |          | -        | _        |
| <u> </u>         | 2         | Н        | D        | 0             |          | $\vdash$        | $\dashv$     | +   | +   | 1     | -        | 71       | ╁─           |                 | $\dashv$   | +               |                   | +         | H              |   |       | 121        |          | +             | +            | ╁╌   | Н               |          | -        | -        |
| 13               | 22        | H        | 0        | ၁             | =        |                 | $\dashv$     | _   | 十   | 1     | -        | 72       | +            | Н               | -  | +               | $\dashv$          | +         | H              |   |       | 122        |          | +             | +            | 一  | Н               | H        | $\dashv$ | _        |
| 14               | 23        | H        | 7        | V             | Ī        | $\vdash$        |              | _   | +   | 1     |          | 73       | 1            | H               | $\dashv$   | +               | $\dashv$          | $\dagger$ | H              |   |       | 123        | -        | _             | +-           | ╁  | Н               |          | +        | ᅱ        |
| -,               | 24        | H        | 7        |               |          |                 | +            | +-  | ╁   | 1     | -        | 74       | <u> </u>     | Н               | $\dashv$   | $\top$          | $\top$            | +         | 1              |   |       | 124        | -        |               | -            | <del> </del>                                     | Н               |          | ┪        | -        |
| 15               | 25        | H        | Ξ        | =             | =        |                 | 十            |   | +   | 1     | -        | 75       | +            | H               | $\neg$   | 1               |                   | 1         | 1              |   |       | 125        | $\neg$   | _             | ╁            | ┢  | H               |          | 7        | ┪        |
|                  | 28        | V        | _        |               |          |                 | $\top$       | +   | +   | 1     |          | 76       | <b>—</b>     | H               |  | +               |                   | +         |                |   |       | 126        |          |               | ╁            | T  |                 |          | 7        | _        |
|                  | 21        | 7        |          |               |          | H               |              |   |   | 1     |          | 77       | 1            |                 |  |                 | _                 | +         | H              |   |       | 127        |          | 十             | T            | 一  | Н               |          | _        | ᅥ        |
|                  | 28        |          |          |               |          |                 |              | $\neg$  | 1   | 1     |          | 78       |              | П               | _  |                 | 一                 | 1         |                |   |       | 128        |          | $\top$        | T            | t  |                 |          | _        | _        |
|                  | 29        |          | П        |               |          |                 | 7            |   | 1   | 1     |          | 79       |              |                 | _  | $\top$          | $\neg$            | 1         |                |   |       | 129        | T        | $\top$        | İ            | T  |                 |          | 寸        | _        |
|                  | 30        |          | П        |               |          |                 | 1            |   |   | 1     |          | 80       |              |                 |  | $\top$          |                   |           |                |   |       | 130        |          |               | <b>†</b>     | T-   | П               |          | 寸        | _        |
|                  | 31        |          |          |               |          |                 |              |   |   | 7     |          | 81       |              | П               |  | 1               |                   |           | П              |   |       | 131        |          | $\top$        |              |  | П               |          |          |          |
|                  | 32        |          |          |               |          | П               | $\neg$       | $\top$  |   | 1     |          | 82       | Π            | П               |  | $\top$          |                   | $\top$    |                |   |       | 132        | $\sqcap$ | $\neg \vdash$ | 1            | П  |                 |          | $\neg$   |          |
|                  | 33        |          |          |               |          |                 |              |   |   | 7     |          | 83       | Π            |                 |  |                 |                   |           |                |   |       | 133        |          | $\neg$        | T            |  | П               |          | $\neg$   | $\neg$   |
|                  | 34        |          |          |               |          |                 |              | J   | 1   | ]     |          | 84       | Γ            |                 |  |                 |                   |           |                |   |       | 134        |          |               |              |  |                 |          |          |          |
|                  | 35        |          |          |               |          |                 |              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |   |       |          | 85       |              |                 |  |                 | $\Box \Gamma$     |           |                |   |       | 135        |          |               |              |  |                 |          |          |          |
|                  | 36        |          |          |               |          |                 |              |   |   | ]     |          | 86       |              |                 |  |                 | $\Box$            |           |                |   |       | 136        |          |               |              |  |                 |          |          |          |
|                  | 37        |          |          |               | _        |                 | $oxed{\Box}$ |   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |       |          | 87       |              |                 |  |                 |                   |           |                |   |       | 137        |          |               |              |  |                 |          |          |          |
|                  | 38        |          |          |               |          | Ш               |              |   |   | ]     |          | 88       |              |                 | $\Box \Box$  |                 |                   |           |                |   |       | 138        |          |               |              |  |                 |          |          |          |
|                  | 39        |          |          |               |          |                 | $oxed{oxed}$ |   |   | _     | L        | 89       |              |                 | $\Box$   |                 |                   |           |                |   |       | 139        |          |               |              |  |                 |          |          |          |
|                  | 40        |          |          |               |          |                 | $oxed{oxed}$ |   | L   | ]     | L        | 90       |              | $\Box$          | $\Box \Box$  |                 | T                 |           |                |   |       | 140        |          |               |              |  |                 |          |          |          |
|                  | 41        |          |          |               |          |                 | $\Box$       |   |   | ]     |          | 91       |              |                 |  |                 |                   |           |                |   |       | 141        |          | Ľ             |              |  |                 |          | J        |          |
|                  | 42        | L        |          |               |          | П               | $\perp$      |   |   | J     |          | 92       |              |                 |  | $\Box$          | $\Box \mathbb{T}$ | $\perp$   |                |   |       | 142        |          |               |              |  |                 |          |          |          |
|                  | 43        | <u> </u> | L        |               |          | oxdot           |              |   |   | ]     |          | 93       |              | Ш               |  |                 |                   |           |                |   |       | 143        |          |               |              |  |                 |          |          |          |
|                  | 44        | <u> </u> |          |               |          | Ш               |              |   |   | _     |          | 94       |              | Щ               | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |                 |                   |           |                |   |       | 144        |          |               |              | Ĺ  | $\Box$          |          |          |          |
|                  | 45        | <u> </u> | Ш        |               |          | $\sqcup$        |              |   | 1   | _     |          | 95       |              | Ш               |  | $oxed{oxed}$    |                   |           |                |   |       | 145        |          |               |              | $oxedsymbol{oxed}$                               | Ш               |          |          |          |
|                  | 46        | _        | Ш        |               |          |                 | _            |   |   | _     |          | 96       |              | Ш               |  | $oxed{\Box}$    |                   |           |                |   |       | 146        |          |               |              | L  |                 |          |          |          |
|                  | 47        |          | L        |               |          | $\Box$          |              |   |   | _     |          | 97       |              | Ш               |  |                 |                   |           |                |   |       | 147        |          |               |              | 匚  |                 |          |          |          |
|                  | 48        |          | Ш        |               |          | $\Box$          |              |   |   | J     |          | 98       | $oxed{\Box}$ | Ш               |  |                 | [_                | 丄二        |                |   |       | 148        | $\Box$   |               | $\perp$      | 匚  |                 | Ш        |          |          |
| L                | 49        |          | Ш        |               |          | Ш               | $\perp$      |   | 1_  | 4     | <u> </u> | 99       |              |                 | $\perp \!\!\! \perp$   |                 |                   |           | Ш              |   |       | 149        | ot       | $\perp$       | $oxed{oxed}$ | <u> </u>   |                 |          | _        |          |
|                  | 50        |          | LJ       |               |          |                 |              |   | 1.  | ]:::: | :[       | 100      |              |                 |  |                 |                   |           | $\square$      |   |       | 150        |          |               |              |  |                 |          |          |          |